LS on 100-Gbit/s bidirectional, single-fibre, point-to-point optical access system

LIAISON STATEMENT

For action to: IEEE 802.3 Working Group
For information to: IEEE 802.3 Working Group
Approval: ITU-T SG15 meeting (30 September 2022)
Deadline: 30 November 2022

Contact: Frank Effenberger
Futurewei Technologies
USA
E-mail: 

Contact: Jun-ichi Kani
NTT
Japan
E-mail: 

Abstract: This liaison shares the status of ongoing work for 100-Gbit/s bidirectional, single-fibre, point-to-point optical access systems in ITU-T, and asks feedback from IEEE 802.3 Working Group.

Dear Mr. Law,

Q2/15 is working on the draft Amendment 3 of ITU-T G.9806, “Higher speed bidirectional, single fibre, point-to-point optical access system (HS-PtP),” to include the PHY/PMD, TC, and management layer specifications of 100 Gbit/s bidirectional point-to-point access (BiDi PtP) with the target to consent it in April 2023.

Recently, the Q2/15 group also started an adhoc group to progress G.9806Am3. We would like to invite IEEE802.3 members to join in this effort. Please contact the adhoc group Chair, Hirotaka Nakamura, if you are interested.

We anticipate that IEEE 802.3 will develop PHYs for 100-Gbit/s BiDi PtP as well. We hope to cooperate on aligning the specification between IEEE and ITU-T as we did for PHYs of 10 Gbit/s, 25 Gbit/s and 50 Gbit/s BiDi PTPs.

We attach the latest draft Amendment 3 of ITU-T G.9806. We would appreciate if it is reviewed among the IEEE 802.3 experts, and any feedbacks are provided as a liaison back to us.

Attachment: Latest draft Amendment 3 of ITU-T G.9806 (SG15-TD14R1/WP1)